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(54) **Retractable wheelchair lift mechanism for storage compartment of a commercial vehicle**

(57) A wheel chair lift mechanism (10) which can be installed in a storage compartment (L) of a commercial vehicle (B) to assist mobility-impaired persons in their ingress and egress to and from such vehicles is made up of a retractable control mechanism (16) between fixed and movable frames (12, 14) within the storage compartment for selectively advancing a platform assembly (18) between a retracted position within the storage compartment and an extended position outside of the compartment, and a lift mechanism (20) for lifting and lowering the platform assembly between a ground level position; raised position aligned with the doorway and a stowed position aligned with the storage compartment.

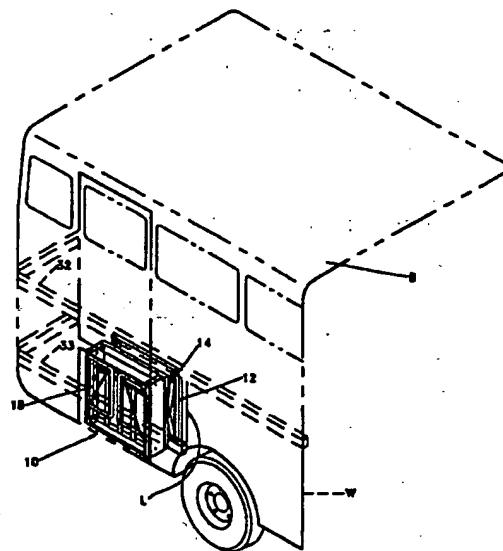


FIG. 1

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EP 0 774 243 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 7773

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|--|--|--|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.6) |
| X A | FR 2 537 121 A (NICCOLI) * the whole document * | 1-4 6-9 | A61G3/02 |
| X A | WO 92 14431 A (HOGAN MFG.) * the whole document * | 1 6,9 | |
| A | GB 1 198 184 A (MARTIN WALKER LTD.) * the whole document * | 1,6 | |
| A | US 4 479 753 A (THORLEY) * column 3, line 39 - column 6, line 12; figures * | 1,6,9 | |
| A | US 4 664 584 A (BRAUN) * column 6, line 17 - line 28 * * column 8, line 50 - line 64; figure 9 * | 5 | |
| The present search report has been drawn up for all claims | | | TECHNICAL FIELDS SEARCHED (Int.Cl.6) A61G |
| Place of search THE HAGUE | | Date of completion of the search 19 August 1997 | Examiner Baert, F |
| CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document | | | |

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